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FAX TRANSMISSION COVER SHEET

May 12, 2005

To:

Telephone:

Fax Number:

Mr. Shelby Pittman **USPTO**

(703) 605-4283

(703) 305-8\$68

From:

Aldon Griffis

Client-Matter Number:

330142-44

Senior Patent Paralegal to

USPTO-PG PUBS

Lisa A. Haile, J.D., Ph.D. (858) 638-6756

Re:

United States Published Patent Application No. US20040131601 Application Serial No. 10/618,183

MAY 1 2 2005

Pages: - 15 - (including this form)

Originals:

If there is a problem with this transmission, please call Aldon Griffis at (858) 638-6756. Message:

Dear Mr. Pittman:

Pursuant to my telephone conversation of today's date with Barbara Debnam, please allow this communication and supporting documentation to request correction of the Assignee Name as listed on U.S. Published Patent Application US20040131601 (Serial No. 10/618,183).

For your convenience, attached is a copy of the Notice of Recordation for Application No. 10/618,183 as recorded with the USPTO on September 23, 2004 on Reel 015806 and Frame 0764. The assignee indicated for this assignment is Myocardial Therabeutics, Inc. This assignee information is confirmed by the Patent Assignment Abstract of Title, which is also provided. This document clearly states the Myocardial Therapeutics, Inc. is the recorded assignee for Publication No. US20040131601 and Application No. 10/618,183.

Unfortunately, the attached face sheet for Publication No. US20040131601 indicates that "Foundry Networks, Inc., a Delaward Corporation" is the assignee, which is incorrect. We have reviewed our files and are perplexed by this error. We did not list any information about Foundry Networks on our application transmittal form, the Application Data Sheet or any other form submitted to the USPTO. Further, since this application is a CIP application it is not possible that an assignee would be carried over from a previous continuation application.

We have discovered that the attached Filing Receipt as mailed on October 14, 2003 inadvertently lists "Foundry Networks, Inc., a Delaward Corporation" las the Assignment for Published Patent Application. We submitted only an assignment for Myocardial Therapeutics, Inc. for this patent application, not one for Foundry Networks.

We were notified of this error by Foundry Networks when they searched the USPTO website for published applications where the assignee field searched was "Foundry Networks". Please advise how the assignee information for this published patent application can be changed to reflect the correct and official assignee, Myocardial Therapeutics, Inc.

We are concerned that if the assignee information is not changed that anyone searching the USPTO website for published applications where the assignee field search is "Foundry Networks" will continue to obtain incorrect assignee information.

Thank you for your assistance in this matter. Please do not hesitate to contact us if you have any questions or we can provide further information.

GT\6446215.1 330142-44

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 22, 2005

GRAY CARY WARE & FREIDENRICH LLP JUNE M. LEARN, J.D., PH.D. 4365 EXECUTIVE DRIVE, SUITE 1100 SAN DIEGO, CA 92121-2133

102843592A

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECOMDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME ARBEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/23/2004

REEL/FRAME: 015806/0764 NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: MEDIV2010-4

ASSIGNOR:

EPSTEIN, STEPHEN

ASSIGNOR:

FUCHS, SHMUEL

ASSIGNOR:

KORNOWSKI, RAN

ASSIGNOR:

LEON, MARTIN B.

ASSIGNOR:

CARPENTER, KENNETH W.

DOC DATE: 03/07/2004

DOC DATE: 03/08/2004

DOC DATE: 06/03/2004

DOC DATE: 10/09/2003

DOC DATE: 03/08/2004

015806/0764 PAGE 2

ASSIGNEE:

MYOCARDIAL THERAPEUTICS, INC. 6350 NANCY RIDGE DRIVE, SUITE 103 SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER: 10618183

PATENT NUMBER:

FILING DATE: 07/10/2003

ISSUE DATE:

TITLE: INJECTION OF BONE MARROW-DERIVED CELLS AND MEDIUM FOR ANGIOGENESIS

PAULA MCCRAY, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

	24-2004		
9/23/04 RECK	Docket No.: MEDIV2010-4		
To the Honorable Commissioner for Patents and 100	843592 autoneu original documents or copy thereof.		
1. Name of Conveying party(ies): a. Stephen Epstein 2694 SEP 23 PM 3: 51	Nome and address of maniping Dett.		
b. Shmuel Fuchs c. Ran Kornowski d. Martin B. Leon e. Kenneth W. Carpenter	Name: Myocardial Therapeutics, Inc. Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes _X_ No	Street Address: 6350 Nancy Ridge Drive, Suite 103		
3. Nature of conveyance:	City: San Diego State: CA Zip Code: 92121		
X Assignment Merger Security Agreement Change of name Other	Additional name(s) & address(es) attached? Yes X No		
Execution Date: a. March 7, 2004 b. March 8, 2004 c. June 3, 2004			
d. October 9, 2003 e. March 8, 2004			
Application number(s) or patent number(s): If this document is being filed together with a new application.	the execution date of the application is:		
A. Patent Application No.(s) 10/618,183	B. Patent No.(s)		
Additional numbers atta	ched? Yes <u>X</u> No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of Applications and patents involved: 1		
Name: June M. Learn, J.D., Ph.D. GRAY CARY WARE & FREIDENRICH LLP	7. Total fee (37 CFR 3.41) \$\(\frac{40.00}{2}\)		
Street Address: 4365 Executive Drive, Suite 1100 City: San Diego State: CA Zip Code: 92121-2133	X Enclosed - Check No.: 566700 X Authorized to charge any underpayment to Deposit Account No. 50-1355.		
ро пот	USE THIS SPACE		
9. Statement and signature:	1		
To the best of my knowledge and belief, the foregoing informa of the original document.	tion is true and correct and any attached copy is a true copy		
June M. Learn, J.D., Ph.D. (Reg. No. 31,238) Name of Person Signing Total number of pages including cover	September 20, 2004 Date The sheet, attachments, and document: _6_		
09/24/2004 EURIPER 00000023 10518183	price, attachments, and document: _0		
01 FC:8021 40.00 ap			
Gray Cary\GT\6415657.1			

ASSIGNMENT BY INVENTOR(S)

This assignment ("Assignment") is made by Stephen Epstein, of Rockville, Maryland, Shmuel Fuchs of Rockville, Maryland, Ran Kornowski of Ramat-Hasharon, Martin B. Leon, New York, New York 1002, and Kenneth W. Carpenter of La Jolla, California (collectively, the "Assignors") to Myocardial Therapeutics, Inc., a California corporation ("Assignee"), having a place of business at 6350 Nancy Ridge Drive, Suite 103, California 92121.

Recitals

- A. Each of the Assignors has invented a new and useful invention entitled, INJECTION OF BONE MARROW-DERIVED CELLS AND MEDIUM FOR ANGIOGENESIS, for which an application for United States Letters Patent was filed on July 10, 2003, in the United States Patent and Trademark Office.
- B. Each of the Assignors authorizes and requests insertion of the serial number of the application when officially known:

The United States Application Serial No.: 10/618,183

- C. Each of the Assignors believes the Assignors to be the original, first and joint inventors of the invention disclosed and/or claimed in the application for Letters Patent.
- D. The parties desire to have a recordable instrument assigning from the Assignors to the Assignee the entire rights, title and interest in and to the invention, the application and all Letters Patent in the United States and throughout the world that may be granted or issued for the invention or that derive a right of priority from the application (including, without limitation, all

Gray Cary\GT\6356116.1 103477-990000

PATENT ATTORNEY DOCKET NO.: MEDIV2010-4

divisional, continuation, continuation-in-part and continued prosecution applications thereof, and all reissues and reexaminations thereof, and all foreign counterparts thereof) (collectively, the "Invention Patents").

Agreement

NOW, THEREFORE, in accordance with the obligations to assign the Invention Patents and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the Assignors agrees to the foregoing and as follows:

- 1. Each of the Assignors does and will sell, assign and transfer to Assignee, such Assignor's entire rights, title, and interest in and to each of the Invention Patents, including, without limitation, the rights to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.
- 2. Each of the Assignors a rees that, upon request and without further compensation, but at no expense to such Assignor, such Assignor and such Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, and for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world. In the event that Assignee is unable for any reason to secure any of the Assignors' signatures to any document that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, or for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world, each such Assignor hereby irrevocably designates and appoints Assignee and Assignee's duly authorized officers

PATENT

ATTORNEY DOCKET NO.: MEDIV2010-4

and agents as such Assignor's agents and attorneys-in-fact to act for and on such Assignor's behalf and instead of such Assignor to execute such document, all with the same legal force and effect as if executed by such Assignor.

- 3. Each of the Assignors represents and warrants that such Assignor has not granted and will not grant to others either (1) any rights, title or interest in and to any of the Invention Patents, or (2) any rights inconsistent with the rights granted herein.
- 4. Each of the Assignors authorizes and requests the Commissioner for Patents of the United States and the various counterparts thereof throughout the world to issue and/or grant any Letters Patent granted for each of the Invention Patents to Assignee, its successors and assigns, as the assignee of the entire interest in such Invention Patents.
- 5. This Assignment constitutes the entire agreement with respect to its subject matter and supersedes all prior or contemporaneous oral or written agreements concerning such subject matter. No waiver, amendment, or modification of this Assignment shall be effective against the Assignee, unless in writing executed by a duly authorized representative of the Assignee. A breach of any of the promises or agreements contained herein will result in irreparable and continuing damage to Assignee for which there will be no adequate remedy at law, and Assignee shall be entitled to injunctive relief and/or a decree of specific performance, and such other relief as may be proper.

Date: 3/2/04

Assignor: Stephen Epstein

Signature:

PATENT ATTORNEY DOCKET NO.: MEDIV2010-4

Assignor:

Signature: Heavel King

Shmuel Fuchs

Assignor: Ran Kornowski

Signature:

Assignor: Martin B. Leon

Signature: Maria S. Long

Assignor: Kenneth W. Carpenter

gnature: En Carputu

Date: 3/8/04

Date: 3/8/04

Date: 10903

Date: 3/8/04

PATENT ATTORNEY DOCKET NO.: MEDIV 0 10-4

	Assignor:	Shmuel Fuchs
Date:	Signature: _	
(a/a)a	Assignor.	Ran Kornowski
Date: 0/3/0 \	Signature: _	Ren (Lenn
	Assignor:	Martin B. Leon
Date:	Signature: _	
	Assignor:	Kenneth W. Carpenter
Date:	Signature: _	

PATENT

Attorney Docket No.: MEDIV2010-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Epstein et al.

10/618,183

Filing Date: Title:

Application No.:

July 10, 2003

FOR ANGIOGENESIS

Art Unit:

1636

Examiner:

R. Akhavan

Confirmation No.: 4304

INJECTION OF BONE MARROW-DERIVED CELLS AND MEDIUM

MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith for the above-identified application please find:

- 1. Recordation Form Cover Sheet (1 pg.);
- 2. Assignment (5 pages);
- 3. Check No. 566700 in the amount of \$40.00; and
- 4. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, September 20, 2004, in an envelope addressed to: MAIL STOP ASSIGNMENT RECORDATION SERVICES, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregory P. Austin

(Name of Person Malling Paper)

In re Application of: Epstein et al.

Application No.: 10/618,183

Filed: July 10, 2003

Page 2

Enclosed is Check No. 566700 in the amount of \$40.00 for the Assignment Recordation fee. The Commissioner is authorized to charge any other fees, or credit any overpayments, to Deposit Account No. 50-1355. A duplicate copy of this letter is enclosed.

Respectfully submitted,

PATENT

Attorney Docket No.: MEDIV2010-4

Date: September 20, 2004

June M. Learn, J.D., Ph.D. Registration No.: 31,238 Felephone: (858) 677-1416 Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP 4365 Executive Drive, Suite 1100 San Diego, California 92121-2133 USPTO CUSTOMER NO. 28213



United States Patent and Trademark Office

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Assignments on the Web > Patent Query

Patent Assignment Abstract of Title

NOTE:Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.

Total Assignments: 1

Patent #: NONE

Issue Dt:

Application #: 10618183 Filing Dt: 07/10/2003

Publication #:(US20040131601) Pub Dt: 07/08/2004

Inventors: Stephen Epstein, Shmuel Fuchs, Ran Kornowski, Martin B. Leon, Kenneth W. Carpenter

Title: Injection of bone marrow-derived cells and medium for angiogenesis

Assignment: 1

Reel/Frame: 015806/0764

Recorded: 09/23/2004

Pages: 6

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: EPSTEIN, STEPHEN

Exec Dt: 03/07/2004

FUCHS, SHMUEL

Exec Dt: 03/08/2004

KORNOWSKI, RAN

Exec Dt: 06/03/2004

LEON, MARTIN B.

Exec Dt: 10/09/2003

CARPENTER, KENNETH W.

Exec Dt: 03/08/2004

Assignee: MYOCARDIAL THERAPEUTICS, INC.

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SAN DIEGO, CALIFORNIA 92121

Correspondent: GRAY CARY WARE & FREIDENRICH LLP

JUNE M. LEARN, J.D., PH.D.

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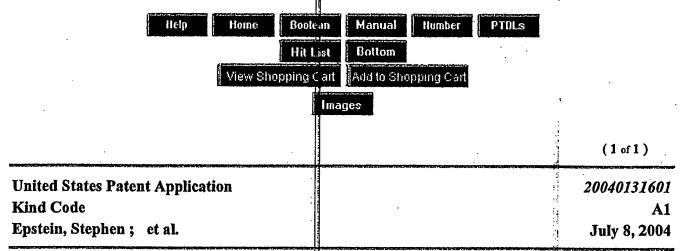
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Search Results as of: 05/12/2005 01:56 PI

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US PATENT & TRADEMARK OFFICE PATENT APPLICATION FULL TEXT AND IMAGE DATABASE



Injection of bone marrow-derived cells and medium for angiogenesis

Abstract

Methods are provided for enhancing capacity of impaired bone marrow cells to promote angiogenesis when introduced into an ischemic site in a patient by transfecting early attaching cells derived from bone marrow in culture with an angiogenesis promoting transgene. Methods are also provided for utilizing such early attaching cells derived from autologous bone marrow, or media derived from these cells while the cells are grown in culture (which need not be from autologous cells) to deliver angiogenesis-promoting transgenes or proteins to a patient. The transfected early attaching cells, or media derived from these cells while the cells are grown in culture, are introduced into an ischemic tissue, such as the heart, to enhance formation of collateral blood vessels. The cells or media can also be injected into the blood stream (artery supplying the ischemic tissue, or any other artery or vein)

Inventors:

Epstein, Stephen; (Rockville, MD); Fuchs, Shmuel; (Rockville, MD); Kornowski,

Ran; (Ramat-Hasharon, IL); Beon, Martin B.; (New York, NY); Carpenter,

Kenneth W.; (San Diego, CA)

Correspondence

GRAY CARY WARE & FREIDENRICH LLP

Name and

4365 EXECUTIVE DRIVE

Address:

SUITE 1100

SAN DIEGO

CA

92121-2133

US

Assignee Name (Foundry Networks, Inc., a Delaward Corporation

and Adress:

Serial No.:

618183

Series Code:

10

Filed:

July 10, 2003

Incorrect. Should be IMyocardial Therapeutics, Dhc."

Page 1 of 2 RECEIVED OGT 2 0 2003



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS
PARTY PROPERTY PATENTS
Alexandra, Vagnata 22313, 450

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY,DOCKET NO	DRAWING	S TOT CLMS	IND CLMS
10/618,183	07/10/2003	1632	651	MEDIV2010-4	4	46	4

CONFIRMATION NO. 4304

28213 **GRAY CARY WARE & FREIDENRICH LLP** 4365 EXECUTIVE DRIVE **SUITE 1100** SAN DIEGO, CA 92121-2133

DOCKETING PATENT 2 0 .2003 OC.

FILING RECEIPT *OC000000011032106

Date Mailed: 10/14/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Stephen Epstein, Rockville, MD; Shmuel Fuchs, Rockville, MD; Ran Komowski, Ramat-Hasharon, ISRAEL; Martin B. Leon, New York, NY; Kenneth W. Carpenter, La Jolla, CA;

Assignment For Published Patent Application

Foundry Networks, Inc., a Delaward Corporation;

INCORRECT

Domestic Priority data as claimed by applicant

This application is a CIP of 10/160,5 4 05/30/2002 * which is a CIP of 09/868,411 06/14/2001 (*)Data provided by applicant is not donsistent with PTO records.

Foreign Applications

UNITED STATES OF AMERICA PCT/US00/08353 03/30/2000

If Required, Foreign Filing License Granted: 10/14/2003

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Injection of bone marrow-derived cells and medium for angiogenesis

Preliminary Class

424

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